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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 27267

Consultant: CDM Engineers & Constructors Inc. Client: Santa Fe Pipeline  
 1. OWNER: 50. W. Liberty, Suite 770 ADDRESS AT WELL LOCATION: Vista Canyon Group Sparks Solvent/Fuel Site  
Reno, Nevada 89501 Sparks, Nevada  
 2. LOCATION: NE 1/4 NW 1/4 Sec 9 T. 19N N/S R 20 E Washoe County  
 PERMIT NO. M/O 913 H-2 32-220-62 Sparks Solvent/Fuel Site  
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED:  New Well  Replace  Recondition  
 Deepen  Abandon  Other \_\_\_\_\_  
 4. PROPOSED USE:  Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock  
 5. WELL TYPE:  Cable  Rotary  RVC  
 Air  Other TUBEX

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Lt. brown angular to sub round gravel w/ minor sand and silt, med. dense, moist		0	2	2
Dark gray silt w/subangular to subround gravel, med. dense moist to wet.		2	8	6
Dark gray subangular to subround sand w/angular to subround gravel and minor silt, med. dense, moist. Color change to lt. gray and abundant cobbles 6" dia. below 12ft. Change from moist to dry below 15ft. Change from dry to moist below 25ft. Change from moist to wet below 28ft. Change from wet to saturated below 30ft. Lt. gray sand w/gravel and abundant cobbles, minor silt med. dense, saturated Abundant silt below 45ft.		8	30	22
		30	58	28

8. WELL CONSTRUCTION  
 Depth Drilled 58 Feet Depth Cascd 57 Feet  
 HOLE DIAMETER (BIT SIZE)  
 From 11 1/2 Inches 0 Feet 58 Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6"	w/cap	SCH 80 PVC	0	15.9
6"		SS Sump w/cap	51.7	57
Centralizers		16, 46, 52 SS		

Perforations:  
 Type perforation Factory sawed slot  
 Size perforation 100 slot SS wire wrapped  
 From 15.9 feet to 51.7 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  Neat Cement  
 Cement Grout  
 Concrete Grout  
 Depth of Seal 3 - 10.6  
 Placement Method:  Pumped  Poured  
 Bentonite Seal: 10.6 - 13.6  
 Gravel Packed:  Yes  No 1/4-1/8" well sand  
 From 13.6 - 14.9 #20 feet to 14.9 - 58 feet

Date started 3-27-95, 19\_\_\_\_  
 Date completed 3-29-95, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>no test</u>		

9. WATER LEVEL  
 Static water level not known feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ N/A \_\_\_\_\_ P.S.I.  
 Water temperature N/A °F Quality N/A

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name WAYNE DRILLING, INC. Contractor  
 Address P.O. BOX 12370 Contractor  
RENO, NEVADA 89510  
 Nevada contractor's license number issued by the State Contractor's Board 22549  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 908  
 Signed Mary C. Federman  
 By driller performing actual drilling on site or contractor  
 Date February 7, 1996